

Supplementary Table 1

Measured radial velocities of CoRoT-9

HJD-24500000	Radial velocity
[days]	[km/s]
54730.548	19.7661±0.0062
54734.565	19.7503±0.0080
54739.509	19.7679±0.0075
54754.500	19.7867±0.0096
54766.513	19.8207±0.0080
54771.509	19.8502±0.0147
54987.741	19.7801±0.0109
54993.818	19.7705±0.0061
55021.657	19.7697±0.0077
55048.650	19.8240±0.0052
55063.568	19.8315±0.0107
55069.557	19.8196±0.0061
55077.570	19.7962±0.0084
55095.541	19.7631±0.0056